



July 30, 2009

Iowa Finance Authority
2015 Grand Avenue
Des Moines, IA 50312

Re: Stanhope Public Library

Statement of Intent:

The proposed design for the new Library building to be located on the corner of Main Street and Highway 17 in Stanhope, Iowa will include some of the latest design and engineering practices available for a building of this size. The engineering choices made will enhance and ensure the long term energy efficiency and sustainability of the new civic structure. Located on the northeast corner of the intersection, the proposed design will take advantage of the south facing front elevation by providing integral windows properly shaded for full advantage of the sun's solar radiation. The building will include heavily insulated walls and roof, and be situated with airlock entries to limit the amount of infiltration air. The mechanical systems will center around a forced air - mechanical assist design that utilizes natural air flow within the building linked to energy recovery ventilators, and the lighting systems will be linked to natural daylighting controls and occupancy sensors to limit electrical lighting use.

This proposed design will comply with the 2006 International Building Codes, Iowa State Building Code, exceed the minimum Energy Star Rating for the facility, and meet the current Iowa Energy Code and ASHRAE 90.1 for this building type. It will also be completely accessible and comply with the American with Disabilities Act and ANSI 117.1.

With the level of efficiency inherent in this proposed design, the Owner is choosing to pursue LEED certification, Silver classification.

John Lott

John D. Lott, A.I.A., LEED AP